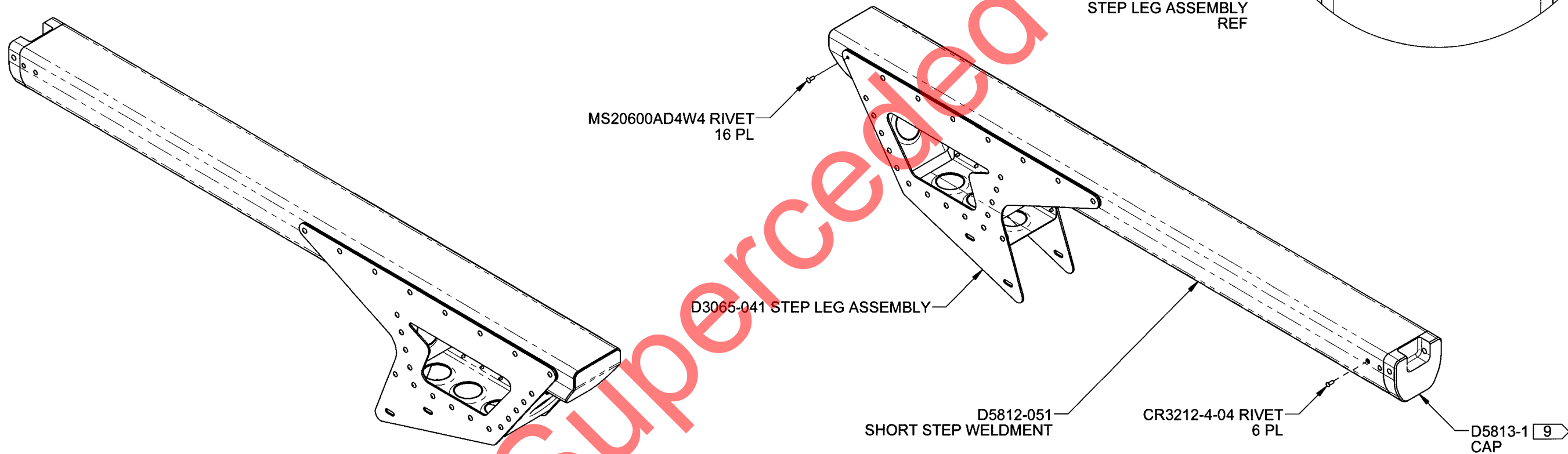


QTY -041	P/N	DESCRIPTION
X	D5812-041	SHORT STEP ASSEMBLY
1	D5812-051	SHORT STEP WELDMENT
1	D3065-041	STEP LEG ASSEMBLY
2	D3066-1	SPACER
1	D5813-1	CAP
6	CR3212-4-04	CHERRYMAX RIVET
16	MS20600AD4W4	RIVET, BLIND



**D5812-041 SHORT STEP ASSEMBLY**

UNDER REVIEW  
ECR: HB ECR 195

- NOTES:
- 1) MATERIAL: N/A
  - 2) FINISH: WHITE GLOSS POWDER COAT PER DART QSI 005 SECTION 4.3  
APPLY BLACK ANTI-SKID PAINT (WING WALK) ON THE TOP SURFACE TO THE BOTTOM  
OF THE TOP RADII (ONLY ALONG THE STEP EXTRUSION) AS SHOWN PER DART QSI 005 SECTION 4.4
  - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
  - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
  - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
  - 6) IDENTIFICATION: PER DART QSI 044
  - 7) WEIGHT: 4.27 lbs
  - 8) TRANSFER DRILL FROM SHORT STEP WELDMENT TO CAP
  - 9) FAY SEAL SURFACES BETWEEN CAP AND SHORT STEP WELDMENT WITH  
PR-1422, OR P/S 890, OR SIKAFLEX-241/-291, OR MIL-S-8802 SEALANT

RELEASED  
2020 JUN 16  
ECN 2020-574

APPROVED

A	NEW ISSUE	KPT	20.01.09
REV.	DESCRIPTION	BY	DATE
DESIGN	KPT	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	KPT		
CHECKED	ZF	DRAWING NO.	REV. A
MFG. APPR.	DP	D5812	SHEET 1 OF 4
APPROVED	NO	TITLE	SCALE
DE APPR.	CP	SHORT STEP ASSEMBLY	NTS
DATE	20.01.09	COPYRIGHT © 2020 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	

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**D5812-041 SHORT STEP ASSEMBLY: DRILLING DETAIL**  
(D3065-041 STEP LEG ASSEMBLY,  
D3066-1 SPACERS, CR3212-4-04 RIVETS,  
AND MS20600AD4W4 RIVETS  
NOT SHOWN FOR CLARITY)

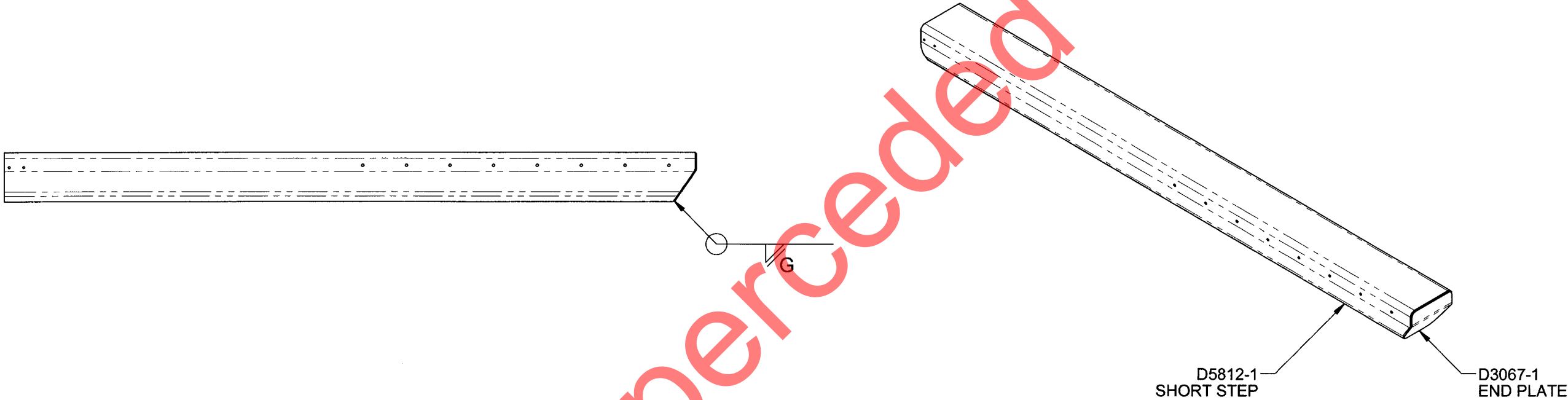
UNDER REVIEW  
ECR: HB ECR 195

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2020 JUN 16 *qf*

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DESIGN	KPT	<b>DART AEROSPACE LTD</b>	
DRAWN	KPT	HAWKESBURY, ONTARIO, CANADA	
CHECKED	ZF	DRAWING NO.	REV. A
MFG. APPR.	DP	<b>D5812</b>	SHEET 2 OF 4
APPROVED	NO	TITLE	SCALE
DE APPR.	CP <i>qf</i>	<b>SHORT STEP ASSEMBLY</b>	NTS
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QTY -051	P/N	DESCRIPTION
X	D5812-051	SHORT STEP WELDMENT
1	D5812-1	SHORT STEP
1	D3067-1	END PLATE



**D5812-051 SHORT STEP WELDMENT**

UNDER REVIEW  
ECR: HB ECR 195

- NOTES:
- 1) MATERIAL: N/A
  - 2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 SECTION 4.1
  - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
  - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
  - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
  - 6) IDENTIFICATION: NONE
  - 7) WEIGHT: 2.65 lbs
  - 8) WELD PER DART QSI 004

RELEASED  
2020 JUN 16

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DESIGN KPT  
DRAWN KPT  
CHECKED ZF  
MFG. APPR. DP  
APPROVED NO  
DE APPR. CP  
DATE 20.01.09

**DART AEROSPACE LTD**  
HAWKESBURY, ONTARIO, CANADA

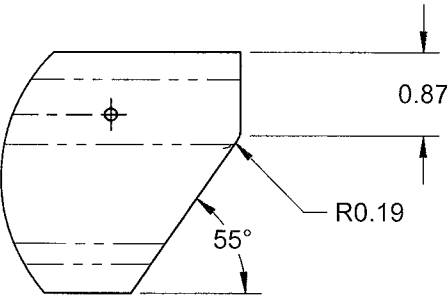
DRAWING NO. **D5812**  
TITLE **SHORT STEP ASSEMBLY**

REV. A  
SHEET 3 OF 4  
SCALE NTS

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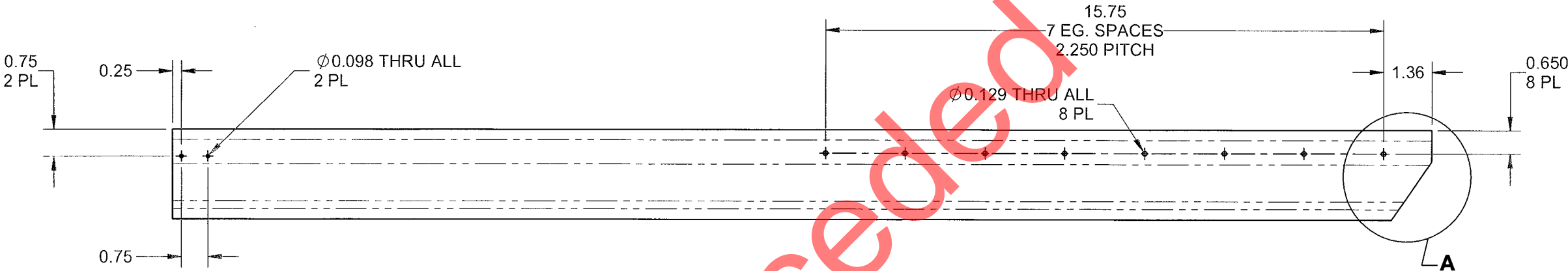
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**DETAIL A**  
SCALE 1.75X

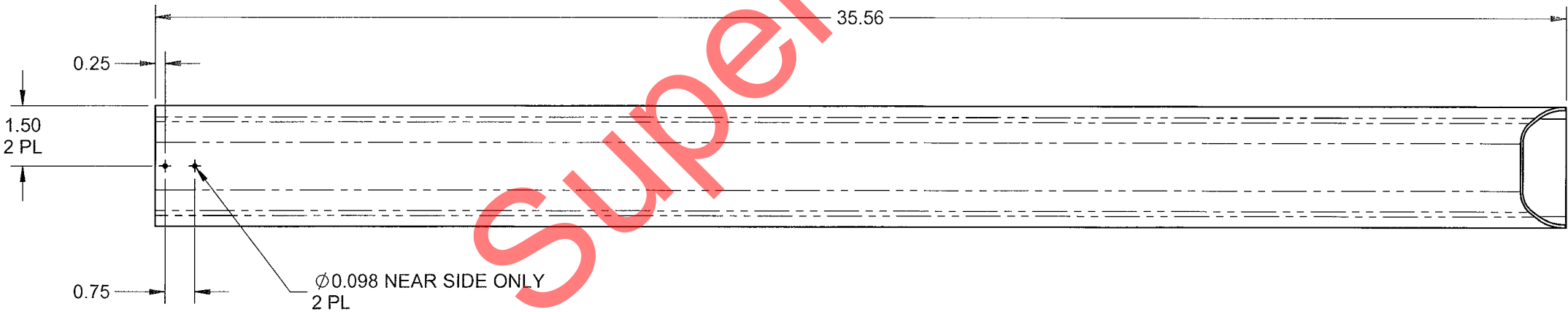
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**D5812-1 SHORT STEP**

**UNDER REVIEW**  
**ECR: HB ECR 195**

A

A

- NOTES:**
- 1) MATERIAL: MAKE FROM D2622 EXTRUSION
  - 2) FINISH: NONE
  - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
  - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
  - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
  - 6) IDENTIFICATION: NONE
  - 7) WEIGHT: 2.60 lbs

**RELEASED**

2020 JUN 16 *qf*

**APPROVED**

DESIGN KPT  
DRAWN KPT  
CHECKED ZF  
MFG. APPR. DP  
APPROVED NO  
DE APPR. CP *qf*  
DATE 20.01.09

**DART AEROSPACE LTD**  
HAWKESBURY, ONTARIO, CANADA

DRAWING NO. **D5812**

TITLE **SHORT STEP ASSEMBLY**

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REV. A

SHEET 4 OF 4

SCALE NTS